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<td>Collaborative Research: High Resolution Paleoceanography in the Heart of the Equatorial Pacific Cold Tongue</td>
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<td>Developing Algebra-Ready Students for Middle School: Exploring the Impact of Early Algebra</td>
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<td>Chemistry &amp; Biochemistry</td>
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Small Biomolecular Inhibitors for Botulinum Neurotixins (BoNTs): Understanding the Relationship between the Strength of Binding and the Inhibition of Protease Activity

Amount $ 71,396.42  Total Award Amount $ 116,896.42

Chalivendra, Vijaya  
College of Engineering  
Mechanical Engineering
NATIONAL SCIENCE FOUNDATION  
6/1/2009-5/31/2012
Collaborative Research: Mechanical and Electrical Response of Novel Polymer Grafted CNT Reinforced Copolymers under Quasi-static and Dynamic Loading
Amount $ 5,938  Total Award Budget Amount $ 146,714

Chen, Changsheng  
School of Marine Science & Technology  
Fisheries Oceanography
WOODS HOLE OCEANOGRAPHIC INSTITUTION  
11/1/2007-10/31/2010
KAUST
Amount $ 80,000  Total Award Budget Amount $ 249,816

Chen, Changsheng  
School of Marine Science & Technology  
Fisheries Oceanography
UNIVERSITY OF NORTH CAROLINA  
6/1/2010-5/31/2011
Super-regional Testbed to Improve Models of Environment Processes in the Atlantic
Amount $ 75,000  Total Award Budget Amount $ 75,000

Cowles, Geoffrey W.  
School of Marine Science & Technology  
Fisheries Oceanography
WOODS HOLE OCEANOGRAPHIC INSTITUTION  
1/1/2010-12/31/2011
The Effect of Tidal Power Generation on Sediment Transport in Muskeget Channel
Amount $ 27,043  Total Award Budget Amount $ 27,043

Crowley, Patricia A.  
School of Education, Public Policy & Civic Engagement  
DCE - O'Connor, Karen
NATIONAL WRITING PROJECT  
7/1/2010-6/30/2011
Buzzards Bay Writing Project
Amount $ 5,000  Total Award Budget Amount $ 278,000

Daigle, Thomas J.  
Academic Affairs  
Academic Resource Center
U.S. DEPARTMENT OF EDUCATION  
9/1/2010-8/31/2015
Student Support Services at UMASS Dartmouth for Disadvantaged Students
Amount $ 403,504  Total Award Budget Amount $ 403,504

Frizzell, D Christine  
Student Affairs  
Southcoast Compeer
CITY OF NEW BEDFORD  
7/1/2010-6/30/2011
SouthCoast Compeer Program

**Gangopadhyay, Avijit**
School of Marine Science & Technology  
Estuarine and Ocean Sciences

HORIZON MARINE, INC  
7/1/2010-6/30/2011

Operational Forecasting of the North Brazil Current Rings

**Amount**: $50,000  
**Total Award Budget Amount**: $50,000

**Goodman, Michael D**
School of Education, Public Policy & Civic Engagement  
Policy Studies

TOWN OF DARTMOUTH  
7/1/2010-5/31/2011

Town of Dartmouth Fellowship in Public Policy

**Amount**: $17,471  
**Total Award Budget Amount**: $17,471

**Gottlieb, Sigal**
College of Arts & Science  
Math

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH  
7/15/2010-7/14/2011

A Heterogeneous Terascale Computing Cluster for the Development of GPU Optimized High-Order Numerical Methods

**Amount**: $199,800  
**Total Award Budget Amount**: $199,800

**Gottlieb, Sigal**
College of Arts & Science  
Math

KING ABDULLAH UNIVERSITY  
9/26/2010-9/25/2013

Positive Numerical Solution of Differential Equations

**Amount**: $202,362.34  
**Total Award Budget Amount**: $202,362.34

**He, Pingguo**
School of Marine Science & Technology  
Fisheries Oceanography

UNIVERSITY OF NEW HAMPSHIRE  
6/1/2010-5/31/2012

Topless Shrimp Trawls for the Gulf of Maine Shrimp Fishing Industry

**Amount**: $33,708  
**Total Award Budget Amount**: $33,708

**He, Pingguo**
School of Marine Science & Technology  
Fisheries Oceanography

NATIONAL OCEANIC AND ATMOSPHERIC ADMIN  
8/1/2010-1/31/2012

Testing of the Rope Separator Haddock Trawl on Georges Bank

**Amount**: $247,090  
**Total Award Budget Amount**: $247,090

**He, Pingguo**
School of Marine Science & Technology  
Fisheries Oceanography

NATIONAL OCEANIC AND ATMOSPHERIC ADMIN  
8/1/2010-1/31/2011

Test of Floating Trawl Bridles to Reduce Finfish Bycatch for Gulf of Maine Pink Shrimp Fishery

**Amount**: $122,550  
**Total Award Budget Amount**: $122,550

**Hegedus, Stephen J.**
School of Education, Public Policy & Civic Engagement  
Kaput Center
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Town of Dennis Scargo Lake  
Amount $22,860  Total Award Budget Amount $22,860

**Howes, Brian L.**  
School of Marine Science & Technology  Estuarine and Ocean Sciences  
Mount Hope Bay WQ Sampling Program  
Amount $170,000  Total Award Budget Amount $170,000

**Howes, Brian L.**  
School of Marine Science & Technology  SMAST - Howes  
TOWN OF YARMOUTH  7/1/2003-6/30/2011  
Town of Yarmouth Support for Bass River, Mill Creek, Lewis Bay, Parker River Partnership with the Massachusetts Estuaries Project  
Amount $2400  Total Award Budget Amount $328,900

**Jennings, Susan**  
College of Arts & Science  Sustainability Program  
BROCKTON AREA WORKFORCE INVESTMT BD  7/1/2010-12/31/2010  
FY '11 Clean Energy State Energy Sector Partnerships  
Amount $34109  Total Award Budget Amount $34,109

**Jennings, Susan**  
College of Engineering  Sustainability Program  
U.S. DEPARTMENT OF ENERGY  10/1/2010-9/30/2012  
Weatherization Assistance Program  
Amount $964,215  Total Award Budget Amount $964,215

**Jochim, Lisa A.**  
College of Arts & Science  Labor Extension Program  
BRISTOL COMMUNITY COLLEGE  7/1/2010-6/30/2011  
"Step Up to College": An ABE Transitions to Community Colleges Program  
Amount $3,500  Total Award Budget Amount $3,500

**Jochim, Lisa A.**  
School of Education, Public Policy & Civic Engagement  Center of Labor Education  
VERIZON MASSACHUSETTS  9/1/2010-8/31/2011  
Verizon Foundation English as a Second Language  
Amount $10,000  Total Award Budget Amount $10,000

**Jochim, Lisa A.**  
School of Education, Public Policy & Civic Engagement  Center of Labor Education  
MASSACHUSETTS DEPARTMENT OF EDUCATION  9/1/2010-8/31/2011  
Community Adult Learning Center FY11  
Amount $479,448  Total Award Budget Amount $479,448
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Miller, John Richard  
Office of the Chancellor  Economic Development  
U.S. DEPARTMENT OF INTERIOR  10/1/2010-9/30/2012  
Amount $ 748,035  Total Award Budget Amount $ 748,035

Mogawer, Walaa S  
College of Engineering  Civil/Environmental Engineering  
Pavement Rehabilitation Strategies for Ramps at Airports with Commercial Service Primary Service Levels  
Amount $ 66,901.63  Total Award Budget Amount $ 109,901.42

Mogawer, Walaa S  
College of Engineering  Civil/Environmental Engineering  
UNIVERSITY OF NEW HAMPSHIRE  8/11/2010-12/31/2013  
Evaluation of Plant-Produced High-Percentage RAP Mixtures in the Northeast  
Amount $ 149,348  Total Award Budget Amount $ 149,348

Moosavi, Sadredin C  
School of Education, Public Policy & Civic Engagement  STEM  
NATIONAL SCIENCE FOUNDATION  9/1/2010-8/31/2011  
RAPID: Effect of Deepwater Horizon Oil Spill Deposits and Beach Clean Up on Erosional and Depositional Processes on Wild and Human-Nourished Beaches on Grand Isle, Louisiana  
Amount $ 10,001  Total Award Budget Amount $ 10,001

Neto, Catherine A.  
College of Arts & Science  Chemistry & Biochemistry  
CRANBERRY INSTITUTE  5/1/2010-10/31/2011  
Cranberry Phytochemicals & the Role of Hedgehog Signaling in Prostate Cancer  
Amount $ 15,500  Total Award Budget Amount $ 15,500

Neto, Catherine A.  
College of Arts & Science  Chemistry & Biochemistry  
UNIVERSITY OF MASSACHUSETTS - AMHERST  7/1/2010-8/31/2011  
Overcoming Barriers to Sustainable Cranberry Production: A Study of Cranberry Phytochemistry, Ecology, and Physiology  
Amount $ 40,000  Total Award Budget Amount $ 40,000

O'Connor, Karen A.  
School of Education, Public Policy & Civic Engagement  CUSP-Ctr for Univ Sch Partner  
SouthCoast Teacher Corps Partnership  
Amount $ 371,831  Total Award Budget Amount $ 1,718,388
Oliveira, Kenneth
College of Arts & Science      Biology
Reproductive Effects of PCB Contamination on Artificially Matured and Fertilized American Eels, Anguilla Rostrata
Amount $ 57,100                  Total Award Budget Amount $ 117,200

Oliveira, Kenneth
College of Arts & Science      Biology
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN                         9/6/2010-9/5/2011
Histology & Otolith-Base Study of Black Sea Bass
Amount $ 33,000                  Total Award Budget Amount $ 33,000

Rice, John M
College of Engineering      Mechanical Engineering
PROGENY SYSTEMS CORPORATION                         7/26/2010-1/28/2011
External Pipe Sound Pressure Level Sensor
Amount $ 20,984                  Total Award Budget Amount $ 20,984

Sims Knight, Judith
College of Arts & Science      Psychology
NATIONAL SCIENCE FOUNDATION                         10/1/2010-9/30/2013
Can Student Use Assessment-based Double-loop Learning to Improve Their Design Skills
Amount $ 198,905                  Total Award Budget Amount $ 198,905

Stokesbury, Kevin D.E.
School of Marine Science & Technology      Fisheries Oceanography
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN                         6/1/2010-5/31/2011
High-Resolution Video Survey of teh Sea Scallop Resource, Recruitment Patterns
Amount $ 140,500                  Total Award Budget Amount $ 140,500

Stokesbury, Kevin D.E.
School of Marine Science & Technology      Fisheries Oceanography
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN                         6/1/2010-5/31/2011
Tracking a Large Sea Scallop Recruitment Event with High-Resolution Video Survey
Amount $ 103,360                  Total Award Budget Amount $ 103,360

Stokesbury, Kevin D.E.
School of Marine Science & Technology      Fisheries Oceanography
NATIONAL FISH AND WILDLIFE FOUNDATION NF                         6/30/2010-6/30/2012
River Herring Bycatch Avoidance in Small Mesh Fisheries (MA)
Amount $ 305,640                  Total Award Budget Amount $ 305,640
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